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| Name: | LEVEE |
| Title: | Flood Levees |
| Spatial Extent: | General - Victoria |
| Owner: | Department of Sustainability and Environment |
| Custodian: | Department of Sustainability and Environment |
| Access: | Restricted |
| Source Data Scale: | 25 000 with data inside Township boundaries at 5 000 |
| Master Library Group: | TBA |
| Jurisdiction: | Victoria |
| Custodial Business Unit: | Flood Plain Management Unit |
| Custodial Program: | Water Resources Policy (WSG, DSE) |
| In CGDL?: | No |
| In Library?: | No |
| Abstract | <p>This layer contains line features showing the centre lines and details of flood levees relevant to flood mapping projects. It is designed to accommodate Victoria wide geographical data of all levees.</p> <p>The data was captured as part of the Flood Data Transfer Project in 2000 and has had little maintenance.</p> <p>Where applicable, reference is made to relevant condition reports, obtainable from the managing authority.</p> |

Application of Layer:

General:

LEVEE is the layer for the location, heights, and ownership of the centre lines of all flood levees in areas covered by flood plain mapping studies.

Layer Design Summary:

Current Layer Design Considerations:

1. The Flood Levees layer is designed to accommodate all available flood levee line and point data. One ownership and condition report can apply to a segment of a levee.
2. The nodes in the lines (arcs) can be attributed with height where applicable.
3. The design assumes most attributes will be stored in the GIS layer, not an external database. The exception is flood area (notes about the condition of the levees and reliability of height data etc. on the levees) of the data that will be kept in an external database given the current limit of 320 characters for text strings.

Future Layer Design Considerations:

Consideration to inclusion of large notes in the GIS may be given in future releases of ArcInfo

Summary of Relationship to other Layers:

This layer has no direct link relationship with other layers but will be used in association with other Flood data layers such as FLEXT25_XYZ, FLMINDEX_XYZ, FLGINDEX_XYZ, FLPINDEX_XYZ, FLSINDEX_XYZ and FLTINDEX_XYZ.

Data Currency Information:

Data Set Status: Planned

Data Collection:

Collection Period: 01JAN1870 Current

Collection Progress: In Progress

Update Frequency: Annual

Data Currency Information:**Data Set Origin:**

Originality: Primary

Data Collection Method: Varied -mainly derived from topographic and digitised data

Data Set Source:

Flood data dates back to mid 1800s and historically has been predominantly located in DNRE Floodplain Management Unit. Some data is located in Water Authorities.

Data Set Processing Details:

Not Documented

Positional Accuracy:

Precision: Less than 1 cm; 10m to 100m

Determination: Generally derived from precise topographic surveying

Attribute Accuracy:

Reliability information is coded in the segments of the levee lines, but heights are typically better than 0.01m accuracy.

Logical Consistency:

Testing based on QA procedures is to be part of the data collection process and will be included in mapping reports for each major data capture effort.

Completeness:**Coverage:**

Covers the State of Victoria. However, levee data only exists where mapping was carried out - usually as part of a flood study. It follows that not all levees have been mapped in the state.

Classification:**Verification:****Access:****Constraints:****Access:**

Access Subject to Custodial Approval

Use:

Access Subject to Custodial Approval

Stored Data Format:

DIGITAL Arc/Info coverage stored on Gippsland GIS server GIGIS

Available Format Type:

DIGITAL - All major formats available

Special Intellectual Property Details:

Access Subject to Custodial Approval

Quality:**Compliance:****Requirements:****Validations:**

Search:

Search Word:

HAZARDS Flood
WATER Hydrology
WATER Rivers
WATER Surface

Qualifier:

Further Information:

Authors Collators:

Nick Nikolaou, DNRE FPMU; Geoff Pettifer & Paul Currie, Geo-Eng Australia;

Supporting Documentation:

Refer to mapping reports for each major data capture effort to be kept at DNRE Floodplain Management Unit.

History:

Stages:

Proposed:
Registered:
Provisionally Approved:
Approved:
Implemented:
Withdrawal To Occur:
Withdrawn:

Last Review:

Commenced:
Proposed:
Approved
Implemented:

Last Updated:

Date: 4/05/2009

Full Description Report - LEVEE

ANZLIC: ANZVI0803002089

Date: 4/05/2009

User: hv03

History:

Not Documented

Related Datasets:

Citations:

Events:

Additional Metadata URL:

Related Documents:

Contacts:

Contact Name:

Hans Van Elmpt

Viktor Brenners

Telephone:

(03) 51722172

03 9637 9014

Contact Role:

Dataset Data Manager

Dataset Owner

Libraries:

Full Description Report - LEVEE

ANZLIC: ANZVI0803002089

| LEVEE POLYGON TABLE (FLLEVEE25.PAT) | | | | | | | | | | | | | |
|-------------------------------------|-------|------|-------------|----|----|------|-----|----------------|-------|-------|--------------|-------|--|
| Item Full Name | Class | Coln | Item Name | IW | OW | Type | Dec | Alternate Name | Oblgn | Orig. | Lookup Table | Scope | Notes |
| LEVEE IDENTIFIER | 0 | 1 | LEVEE_ID | 6 | 6 | I | | | | | | | LEVEE IDENTIFICATION NUMBER |
| LEVEE NAME | 0 | 7 | NAME | 50 | 50 | C | | | | | | | NAME OF LEVEE IF KNOWN |
| LEVEE OWNER | 0 | 57 | OWNER | 30 | 30 | C | | | | | | | ORGANISATION THAT OWNS THE LEVEE STRUCTURE |
| DATA SOURCE | 0 | 87 | SOURCE | 30 | 30 | C | | | | | | | ORGANISATION THAT PROVIDED THE DATA |
| DATA RELIABILITY | 0 | 117 | RELIABILITY | 10 | 10 | C | | | | | | | RELIABILITY OF SOURCE INFORMATION |
| PLAN NUMBER | 0 | 127 | PLAN_NO | 10 | 10 | C | | | | | | | ORIGINAL DOCUMENT PLAN NUMBER IF KNOWN |
| NOTE CODE | 0 | 137 | NOTE_CODE | 6 | 6 | I | | | | | | | SEE NOTE_CODE LOOKUP TABLE |
| MODIFICATION DATE | 0 | 142 | MODIFIED | 8 | 8 | I | | | | | | | DATE OF REVISION IN YYYYMMDD |
| VERSION NUMBER | 0 | 150 | VERSION | 2 | 2 | I | | | | | | | 1 FOR NEW FEATURES. HIGHER IF EDITED |